ES Warmups Week 27

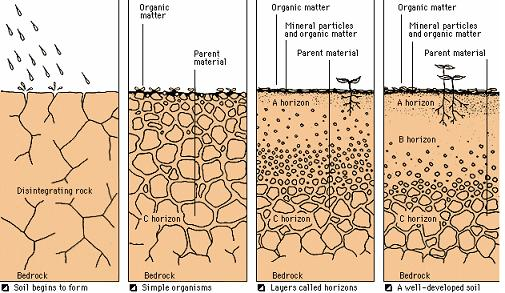
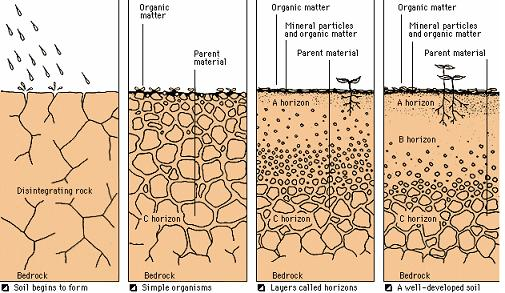
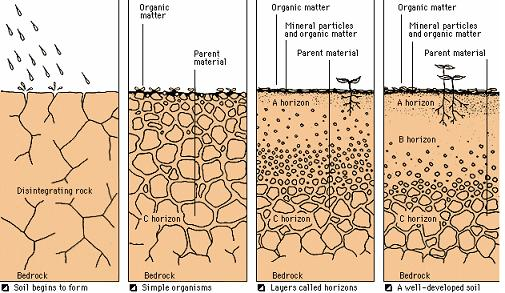
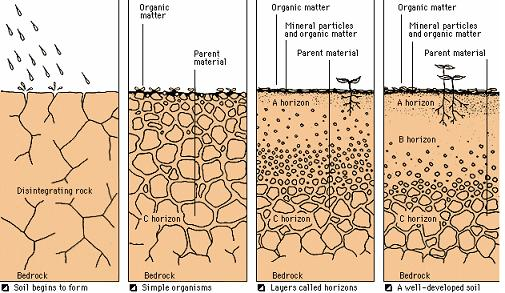
Write the latitude and longitude coordinates for each of the following locations:

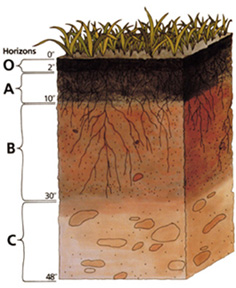
1. Shanghai
2. Hong Kong
3. Tokyo
4. Are these cities north of south of the equator?

Listed below are the 5 statements about weathering. Choose the term listed in parentheses that will correctly complete the sentence.

|  |  |
| --- | --- |
| 1. | (**Physical, Chemical**) weathering occurs when rocks are broken into pieces. |
| 2. | Ice wedging is a type of (**physical, chemical**) weathering. |
| 3. | Oxidation occurs when materials, like iron, are exposed to water and (**silicon, oxygen**). |
| 4. | When carbonic acid dissolves limestone, (**physical, chemical**) weathering occurs. |
| 5. | Animals contribute to the physical weathering of rocks by (**eating, burrowing**). |

Place the following stages of soil formation in order.





1. Which 2 layers would experience the most weathering?
2. Which layer has the most bedrock?
3. Which layer has the most organic material?
4. In which layer are most minerals leached from layer A deposited?

Match each province with the correct description.

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | no-till farming | a. | soil erosion caused by exposing topsoil and excessive removal of nutrients by crops |
| 2. | overgrazing | b. | soil erosion caused by the excessive removal of grasses by animals |
| 3. | contour farming | c. | build level-topped areas into steep slopes to allow crops to be grown while reducing erosion |
| 4. | agriculture | d. | prevent erosion by leaving crops in field over the winter |
| 5. | terracing | e. | planting along the natural contours of land slows flow of water down slopes |